



#6B/65-01
V Jones

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Jerrold V. Hauck, et al.

Serial No.: 09/059,533

Filed: April 13, 1998

For: EARLY ACKNOWLEDGMENT OF
PRIMARY PACKETS

Examiner: Joseph D. Torres

Art Group: 2133

Box Non-Fee Amendment
Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT AND RESPONSE TO OFFICE ACTION

6/7/01
AB

In response to the Notice mailed March 14, 2001, Applicants submit the following amendments and respectfully request entry of the amendments and consideration of the remarks which follow.

RECEIVED

APR 17 2001

Technology Center 2100

IN THE SPECIFICATION

Please substitute the following for the paragraph beginning on page 1, line 16:

B1

In 1394 systems a plurality of nodes are organized into a tree topology. Additionally, all nodes are initially deemed peer to peer but on bus reset, one node assumes root status while the remaining nodes become branches and leaves of the topology. Both 1394-1995 and 1394a are half-duplex protocols. Thus, data may only flow in one direction at any given time. Typically a primary packet is sent by a source node out all ports. A downstream destination node identifies from a header of the packet that the packet is directed to it. The recipient then receives the packet, and after the entire primary packet is received and the acknowledge gap permits reversing the bus, an acknowledgment (ACK) packet is sent to the source. If the packet is not completely received, the destination node still waits until the transmission and ACK gap are complete before sending an